

Converting Colors

$Y_{xy}(91.3775, 0.3940, 0.4265)$

Have a look what the booklet for
Yxy(91.3775, 0.3940, 0.4265)
contains.

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Color

Yxy(88.4879, 0.3833, 0.4310)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF58D |
| RGB | 255, 245, 141 |
| RGB Percent | 100%, 96%, 55% |
| CMY | 0.0001, 0.0392, 0.4471 |
| CMYK | 0.00, 0.04, 0.45, 0.00 |
| HSL | 55°, 100%, 78% |
| HSV | 55°, 45%, 100% |
| XYZ | 78.6947, 88.4879, 38.1258 |
| YIQ | 236.1340, 39.3440, -30.2240 |

Conversions

Conversions Part 2

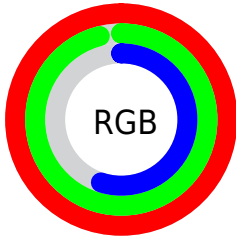
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 152, 255, 141 |
| Decimal | 16774541 |
| CIELab | 95.37, -10.52, 51.04 |
| CIELCh | 95, 52.117, 101.648 |
| Yxy | 88.4879, 0.3833, 0.4310 |
| Android (android.graphics.Color) | 4294964621 (0xFFFFF58D) |
| YUV | 236.1340, -46.9011, 16.5455 |
| Hunter-Lab | 94.0680, -15.2909, 41.8174 |

Details

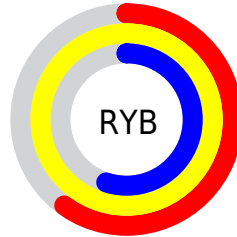
The Yxy color **88.4879, 0.3833, 0.4310** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.0005, 0.2300, 0.2008**, and the grayscale version is **84.3324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **48.8355, 0.3957, 0.4523** is the 20% darker color. If you saturate the color by 10%, you get **86.4769, 0.3979, 0.4507**, and if you desaturate by 10%, it is **90.6980, 0.3676, 0.4091**.

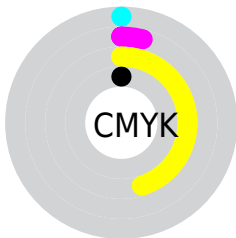
Distribution



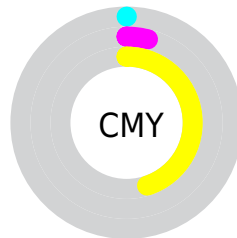
- Red (100%)
- Green (96%)
- Blue (55%)



- Red (60%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (4%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4879, 0.3833, 0.4310 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 88.4879, 0.3833, 0.4310 by changing the saturation by 10% instead.


 88.4879, 0.3833,
0.4310


 88.4879, 0.3833,
0.4310


523.0997, 0.3535,
0.3858

 66.7272, 0.3892,
0.4406

 145.2362, 0.3736,
0.4159

 48.8630, 0.3960,
0.4520


 180.9926, 0.3697,
0.4098

 34.5108, 0.4039,
0.4656


222.1831, 0.3662,
0.4045

 23.2863, 0.4128,
0.4821

269.1920, 0.3631,
0.3999

 14.8050, 0.4223,
0.5019

322.4037, 0.3603,
0.3958

 8.6827, 0.4320,
0.5260

382.2026, 0.3578,

 4.5348, 0.4419,

0.3921

0.5581

448.9731, 0.3556,
0.3888

■ 1.9770, 0.4271,
0.5729

■ 0.5940, 0.3413,
0.6587

■ 88.4879, 0.3833,
0.4310

■ 88.4879, 0.3833,
0.4310

■ 86.4769, 0.3979,
0.4507

■ 90.6980, 0.3676,
0.4091

■ 84.6407, 0.4108,
0.4673

■ 93.1060, 0.3514,
0.3860

■ 82.9694, 0.4213,
0.4798

■ 95.7262, 0.3353,
0.3625

■ 81.4471, 0.4290,
0.4879

■ 98.5681, 0.3198,
0.3395

■ 80.0540, 0.4340,
0.4915

99.9968, 0.3127,
0.3290

■ 79.3543, 0.4359,
0.4921

Harmonies

Analogous

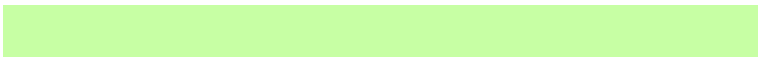
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4879, 0.4211, 0.4005



88.4879, 0.3833, 0.4310



88.4879, 0.3286, 0.4327

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4879, 0.3833, 0.4310



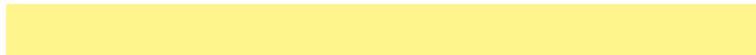
88.4879, 0.2090, 0.2834



88.4879, 0.3478, 0.2726

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



88.4879, 0.3833, 0.4310



35.0005, 0.2300, 0.2008

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4879, 0.2881, 0.2459



88.4879, 0.3833, 0.4310



88.4879, 0.2129, 0.2486

Square

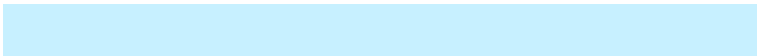
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.4879, 0.3833, 0.4310



88.4879, 0.2295, 0.3383



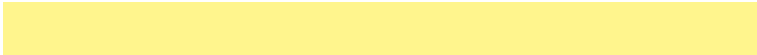
88.4879, 0.2402, 0.2368



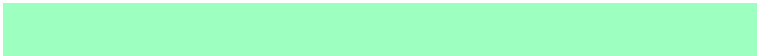
88.4879, 0.4014, 0.3119

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4879, 0.3833, 0.4310



88.4879, 0.2902, 0.4127



88.4879, 0.2402, 0.2368



88.4879, 0.3275, 0.2620

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.4920, 0.3833, 0.4310



96.2099, 0.3326, 0.3586



42.5828, 0.4208, 0.3174



20.4633, 0.3361, 0.3637



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

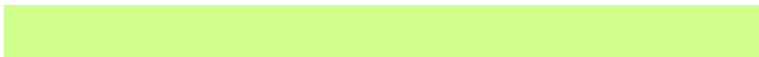
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4920, 0.3833, 0.4310



86.6264, 0.3969, 0.4494



87.0435, 0.3479, 0.4522



20.8029, 0.3271, 0.3505



41.5832, 0.4356, 0.4924



4.1253, 0.4335, 0.4940

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.0005, 0.2300, 0.2008



26.8140, 0.2107, 0.1695



36.7779, 0.2608, 0.2000



17.6330, 0.2979, 0.3066



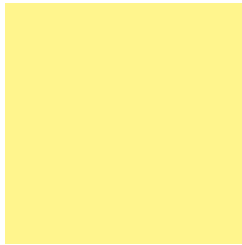
4.1651, 0.1516, 0.0656



0.4884, 0.1548, 0.0772

Previews

White Background



This preview shows how the Yxy color 88.4879, 0.3833, 0.4310 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 88.4879, 0.3833, 0.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

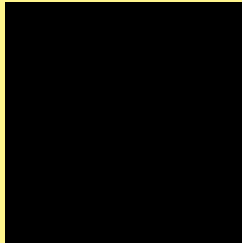
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4879, 0.3833, 0.4310

Background



This preview shows how black text looks on a background with the Yxy color 88.4879, 0.3833, 0.4310.

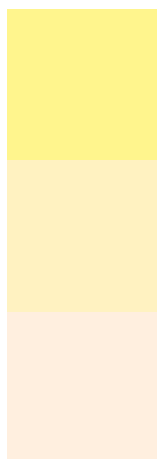


This preview shows how white text looks on a background with the Yxy color 88.4879, 0.3833, 0.4310.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.4879, 0.3833, 0.4310

Protanopia

88.6145, 0.3524, 0.3780

Deuteranopia

88.3207, 0.3336, 0.3449



Tritanopia

88.4822, 0.3191, 0.3203

Trichromacy



Original Color

88.4879, 0.3833, 0.4310



Protanomaly

88.4172, 0.3642, 0.3979



Deuteranomaly

88.0208, 0.3526, 0.3771



Tritanomaly

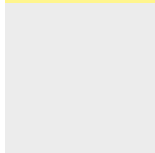
88.1342, 0.3431, 0.3609

Monochromacy



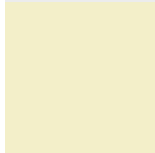
Original Color

88.4879, 0.3833, 0.4310



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.0047, 0.3394, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4879, 0.3833, 0.4310 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 245, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 141)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 245, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 141) }
```

Border

The CSS property to change the border of an element to Yxy 88.4879, 0.3833, 0.4310 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 245, 141) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 245, 141) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 245, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4879, 0.3833, 0.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 141) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
245, 141) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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